WHAT IS CLAIMED IS:

[1] A video phone system comprising: a mobile communication terminal having a capability of performing the transmission and reception of moving pictures, which are captured, and a conversation with a radio communication base station; a self-support base station device operable to receive said moving pictures transmitted to and received from said radio communication base station on the basis of a communication protocol which is used between said radio communication base station and said mobile communication terminal; and a monitor device operable to display the moving pictures received by said self-support base station device.

[2] The video phone system as claimed in claim 1 further comprising a battery charger operable to hold said mobile communication terminal on said monitor device and charge said mobile communication terminal.

[3] The video phone system as claimed in claim 1 further comprising a content server located on a communication network, which is constructed by interconnecting communication lines , and operable to deliver content data inclusive of moving pictures; a set-top box operable to receive said content data delivered by said content server through said communication network; and a switch unit operable to selectively output the moving pictures received by said self-support base station device and said set-top box to said monitor device.

[4] The video phone system as claimed in claim 1 further comprising: a connection processing unit operable to perform the transmission and reception of voice data with said mobile communication terminal on the basis of the communication protocol which is used between said radio communication base station and said mobile communication terminal; and a signal processing unit operable to convert the voice data transmitted and received by said connection processing unit into IP packets and vice versa and transmit and receive the IP packets through a communication network which is constructed by interconnecting communication lines .

[5] The video phone system as claimed in claim 1 further comprising: a relay server located on said communication network operable to relay IP packets transmitted and received

between said mobile communication terminal and another mobile communication terminal wherein, when data is received from both said self-support base station device and said radio communication base station, said relay server selects one of said self-support base station device and said radio communication base station on the basis of the identifier and said table data in which is registered the priority order of said self-support base station device and said radio communication base station, and connects the selected one to said another mobile communication terminal.

[6] A self-support base station device capable of communicating with a mobile communication terminal having a capability of performing the transmission and reception of moving pictures, which are captured, and a conversation with a radio communication base station; a communication unit operable to receive said moving pictures transmitted to and received from said radio communication base station on the basis of a communication protocol which is used between said radio communication base station and said mobile communication terminal; and an interface operable to output the moving pictures received by a moving picture receiver terminal to the monitor device.

[7] The self-support base station device as claimed in claim 6 further comprising: a connection processing unit operable to perform the transmission and reception of voice data with said mobile communication terminal on the basis of the communication protocol which is used between said radio communication base station and said mobile communication terminal; and a signal processing unit operable to convert the voice data transmitted and received by said connection processing unit into IP packets and vice versa and transmit and receive the IP packets through a communication network which is constructed by interconnecting communication lines .

[8] A set-top box operable to receive content data inclusive of moving pictures delivered through a communication network, which is constructed by interconnecting communication lines , and output the content data to a monitor device, wherein said set-top box receives the content data through said communication network, acquires moving pictures transmitted

and received by a mobile communication terminal having a capability of performing the transmission and reception of the moving pictures, which are captured, and a conversation with a radio communication base station, and selectively outputs these moving pictures as acquired or the moving pictures received by said content reception device to said monitor device.

[9] A video phone method implemented by making use of a mobile communication terminal having a capability of performing the transmission and reception of moving pictures, which are captured, and a conversation with a radio communication base station, said video phone method comprising: a step (1) of receiving, by a self-support base station device, said moving pictures transmitted to and received from said radio communication base station on the basis of a communication protocol which is used between said radio communication base station and said mobile communication terminal, and a step (2) of displaying the moving pictures received in said step (1) on a monitor device.

[10] The video phone method as claimed in claim 9 further comprising a step (3) of receiving content data inclusive of moving pictures delivered through a communication network, which is constructed by interconnecting communication lines , wherein the moving pictures as received in said step (1) and said step (3) are selectively output to said monitor device in said step (2).

[11] The video phone method as claimed in claim 9 further comprising: a step (4) of transmitting and receiving voice data between said self-support base station device and said mobile communication terminal on the basis of the communication protocol which is used between said radio communication base station and said mobile communication terminal; and a step (5) of converting the voice data transmitted and received by said mobile communication terminal into IP packets and vice versa and transmitting and receiving the IP packets through a communication network which is constructed by interconnecting communication lines .

[12] The video phone method as claimed in claim 9 further comprising: a step (6) of converting the voice data

transmitted and received between said mobile communication terminal and said radio communication base station into IP packets and vice versa and relaying IP packets transmitted and received by another mobile communication terminal.

[13] The video phone method as claimed in claim 12 wherein, in said step (6), the priority order of the communication pathways through said radio communication base station and said self-support base station device is registered; an identifier for identifying each of the respective communication pathways is acquired; when there is a call from each of a plurality of communication pathways, a communication pathway is selected on the basis of said identifier and said priority order in order to connect with the selected communication pathway to the another mobile communication terminal.